

**ABSTRACT OF THE DISCLOSURE****POSTERIORI BUS TRACE ANALYSIS**

A method, computer program product, and data processing system for analyzing trace data containing bus transactions taking place in packets of varying length is disclosed. A dump of raw trace data from a logic analyzer is stored in a computer file. A computer program then analyzes the raw trace data to identify the locations of packets within the raw trace data. A packet type is determined for each packet, and data fields are extracted from the packet, according to the packet type. A summary of each packet containing the data fields and their contents is then presented to a user.